

GRAPE6-BLX64



SPECIFICATION

The most suitable for clustering

- Speed: 131.3G flops (4×Grape6 VLSI Chips 6Pipeline per chip).
- Memory size: 262,144 particle. (18Mbit Burst-SRAM×8)
- OS(prepared by users) : 6 4 b i t M o d e O p e r a t i o n !
 1. Linux 2.6.9 (RedHat ELV4)
 2. Linux 2.6.9 (Fedora Core 3, x86_64)

*If you succeed in using other version , please inform us. Such information will help other users.

- Attached Application Software: C language, Fortran language interface library. (CD-ROM)
- Host computer: Intel® Xeon CPU and Intel® E7525 chip set are suitable.
- Dimension : 33mm(w) x 313mm(d) x108mm (h), 2 PCI slot occupied
- Interface : Standard **64bit/100MHz or 133MHz full PCI-X** A) You should set BIOS to make PCI-X bus work with 100MHz. B) And also you should specify 100MHz or 133Mhz (factory set-up) when you have placed the ordered.
- **Cooling fan** : 1.8m³/min 65cfm (Please consult with the computer manufacturer.)
*It is prepared by yourself Please make sure the surface temperature of heat sink **lower than 50** .
Power consumption : DC12V 5A, ATX power supply

Grape6-BLX64 is an upgrade model of Micro Grape. It is special for built-in cluster. It is 30 percent faster than Micro GRAPE by using 64bit/100MHz PCI-X interface.